

Overview Field Activity Collections System (FACS) Log

Topic	Information
USGS Activity ID i.e. YYPRJ## *	2014-326-FA
Other ID (if any)	XSTORMS.h20140901
Organization(s)/Program	U. S. Geological Survey, St. Petersburg Coastal and Marine Science Center
Project/Theme	Extreme Storm Coastal Change Hazards
Area of Operation	This survey covered the coast from Navarre Beach, Florida, to Breton Island, Louisiana.
Principal Investigator(s)	K.L.M. Morgan, USGS, St. Petersburg, Fla.
Information Specialist(s)	none
Activity Type	Oblique Aerial Photo and Video Survey
Scientific Purpose/Goals	Baseline survey to document the state of the coast.
Platform	Maule MT57
Starting Date	September 1, 2014
Starting Port/Location	Navarre Beach, Fla.
Ending Date	September 1, 2014
Ending Port/Location	Breton Island, La.
Equipment Used	Canon EOS 5D Mark III, GPS, Garmin GPSMAP 196
Information to be Derived (e.g., Grain Size, Depth to Basement)	Oblique aerial photography for analysis of coastal change due to extreme storms
Summary of Activity and Data Gathered	1,111 oblique aerial images, GPS trackline
Notes (include staff, shop time etc)	<p>This survey covered the coast from Navarre Beach, Florida, to Breton Island, Louisiana, aboard a Maule MT57 aircraft at an altitude of 500 feet (ft) and approximately 1,200 ft offshore. The aircraft was based in Milton, Fla. Photographer: Amy Hartsfield. Pilot: Ian McIntyre. 1,111 images were collected.</p> <p>The aircraft surveyed from Navarre Beach, Fla., through Horn Island, Miss., before landing to refuel. No fuel was available in Ocean Springs Airport, Ocean Springs, Miss., so the survey continued through Cat Island then the aircraft landed at Gulfport Biloxi Regional to refuel. The survey then continued south along the Chandeleur Islands, to Breton Island, La. The aircraft then return northward, overflying Gulfport Biloxi Regional, before turning east and retuning to Milton, Fla.</p>